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<b>(21) International Application Number:</b> PCT/US98/03463 <b>(22) International Filing Date:</b> 23 February 1998 (23.02.98)  <b>(30) Priority Data:</b> 812,425                      6 March 1997 (06.03.97)                      US  <b>(71) Applicant:</b> SCIMED LIFE SYSTEMS, INC. [US/US]; One SciMed Place, Maple Grove, MN 55311 (US).  <b>(72) Inventors:</b> ELLIS, Louis; 3004 Armour Terrace, St. Anthony, MN 55418 (US). HENDRICKSON, Gary, L.; 25216 184th Street, Big Lake, MN 55309 (US).  <b>(74) Agents:</b> SEAGER, Glenn, M. et al.; Crompton, Seager & Tufte, LLC, Suite 895, 331 Second Avenue South, Minneapolis, MN 55401 (US).		<b>(81) Designated States:</b> CA, JP, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>With international search report.</i>
<b>(54) Title:</b> TRANSMYOCARDIAL REVASCULARIZATION CATHETER AND METHOD  <div data-bbox="404 1184 1218 1344" data-label="Image"> </div> <b>(57) Abstract</b> <p>This invention is a transmyocardial revascularization catheter (10) which includes an elongate drive shaft (17) having a proximal end, a distal end, and a longitudinal axis. The TMR catheter (10) also includes a cutting tip (22) disposed at the distal end of the shaft (17). The tip (22) has a distally disposed cutting edge (34), and a longitudinally extending lumen therethrough. A motor is coupled to the drive shaft (17) for rotation of the cutting tip (22). The shaft (17) defines a longitudinally extending lumen in fluid communication with the tip lumen.</p>		